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(54) SPHINGOLIPID-SURFACTANT COMPLEX

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject complex excellent in water dispersibility and capable of readily emulsifying and solubilizing by removing an organic solvent from an organic solvent solution in which sphingolipid, etc., and a surfactant are uniformly dissolved in the organic solvent to simultaneously deposit the sphingolipid and the surfactant.

SOLUTION: This complex is obtained by removing an organic solvent from an organic solvent solution obtained by uniformly dissolving a sphingolipid (e.g. ceramide or cerebroside) or a substance having a structure analogous to the lipid and a surfactant into the organic solvent. The surfactant is preferably lecithin (e.g. soybean lecithin or yolk lecithin), a saccharide fatty acid ester (e.g. saccharide monoplamicate), a di-long chain alkyl quaternary ammonium salt type cation (e.g. distearyltrimethyl ammonium chloride). The compounding ratio of the sphingolipid to the surfactant in the complex is preferably (1-70):(30-99) wt.%.

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